

(85)

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Todd Ingberg Examiner #: 75084 Date: 12/27/01
 Art Unit: 2122 Phone Number 305-9775 Serial Number: 09/375,867
 Mail Box and Bldg/Room Location: Crystal Park 2 Results Format Preferred (circle): PAPER DISK E-MAIL
Except for DPUB-then EMAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please, perform a litigation search
 on U.S. Patents
 5,103,498 Lanier et al

12-27-01 A08:14 14

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher: <u>K Green</u>	NA Sequence (#)	STN	<u>12.17 1an</u>
Searcher Phone #: <u>60-4767</u>	AA Sequence (#)	Dialog	<u>27.24 1an</u>
Searcher Location: <u>4B40</u>	Structure (#)	Questel/Orbit	<u>3mln</u>
Date Searcher Picked Up: <u>12/27/01</u>	Bibliographic	Dr. Link	
Date Completed: <u>12/27/01</u>	Litigation	Lexis/Nexis	<u>3mln</u>
Searcher Prep & Review Time:	Fulltext	Sequence Systems	
Clerical Prep Time:	Patent Family	WWW/Internet	
Online Time: <u>5</u>	Other	Other (specify)	

us5103498/pn

Term not in index/PN-LITA : US5103498

LGST	1
CRXX	1
LITA	0
PAST	4

** SS 1 : Results 6

Search statement 2

?prt ssl max 1-6

1/6 LGST (1/1) - (C) LEGSTAT
PN - US 5103498 [US5103498]
AP - US 562046/90 19900802 [1990US-0562046]
DT - US-P
ACT - 19900802 US/AE-A
APPLICATION DATA (PATENT)
{US 562046/90 19900802 [1990US-0562046]}
- 19900910 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
TANDY CORPORATION, 1800 ONE TANDY CENTER, P.O. BOX 17180, FT. WORTH,
TX 76102 A * LANIER, CHARLES D. : 19900815; WOLF, RICHARD J. :
19900816; VILLEGAS, LETICIA : 19900810
- 19920407 US/A
PATENT
- 19940118 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
AST RESEARCH, INC. 16215 ALTON PARKWAY IRVINE, CA 92718 * TANDY
CORPORATION AND ITS RADIO SHACK DIVISION : 19940103
- 19950110 US/RF
REISSUE APPLICATION FILED
940406
- 19950906 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
AST INNOVATIONS, INC. 16215 ALTON PARKWAY IRVINE, CALIFORNIA 92718 *
AST RESEARCH, INC. : 19950905
- 19971111 US/RF
REISSUE APPLICATION FILED
961002
- 19991026 US/RF
REISSUE APPLICATION FILED
19990817
UP - 1999-44

2/6 CRXX (1/1) - (C) CLAIMS/RRX
AN - 2241757
PN - 5,103,498 A 19920407 [US5103498]
PA - Tandy Corp
PT - E (Electrical)
ACT - 19940118 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: TANDY CORPORATION AND ITS RADIO SHACK DIVISION DATE SIGNED:
01/03/1994

Shirelle Green EIC 2100

Assignee: AST RESEARCH, INC. 16215 ALTON PARKWAY IRVINE, CA 92718

Reel 006847/Frame 0109

Contact: JERRY T. SEWELL KNOBBE, MARTENS, OLSON & BEAR SIXTEENTH FLOOR
620 NEWPORT CENTER DRIVE NEWPORT BEACH, CA 92660

- 19940406 REISSUE REQUESTED
Issue Date of O.G.: 19950110
Reissue Request Number: 08/223620
Examination Group responsible for Reissue process: 2308
- 19950119 REASSIGNED
SECURITY INTEREST

Assignor: AST RESEARCH, INC., A DELAWARE CORPORATION DATE SIGNED:
12/23/1994

Assignee: BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSOCIATION 1455
MARKET STREET SAN FRANCISCO, CA 94103

Reel 007288/Frame 0234

Contact: PILLSBURY MADISON & SUTRO KAREN FRANK P.O. BOX 7880 SAN
FRANCISCO, CA 94120

- 19950905 REASSIGNED
RELEASE BY SECURED PARTY

Assignor: BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSOCIATION DATE
SIGNED: 09/01/1995

Assignee: AST RESEARCH, INC. 16215 ALTON PARKWAY IRVINE, CALIFORNIA
92718

Reel 007492/Frame 0165

Contact: KNOBBE, MARTENS, OLSON & BEAR JERRY T. SEWELL SIXTEENTH FLOOR
620 NEWPORT CENTER DRIVE NEWPORT BEACH, CALIFORNIA 92660

- 19950906 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: AST RESEARCH, INC. DATE SIGNED: 09/05/1995

Assignee: AST INNOVATIONS, INC. 16215 ALTON PARKWAY IRVINE, CALIFORNIA
92718

Reel 007492/Frame 0025

Contact: JERRY T. SEWELL KNOBBE, MARTENS, OLSON ET AL. SIXTEENTH FLOOR
620 NEWPORT CENTER DRIVE NEWPORT BEACH, CA 92660

- 19961002 REISSUE REQUESTED
Issue Date of O.G.: 19971111
Reissue Request Number: 08/724947
Examination Group responsible for Reissue process: 2309
- 19990128 REASSIGNED
SECURITY INTEREST

Assignor: AST COMPUTERS, LLC DATE SIGNED: 01/08/1999

Assignee: AST RESEARCH, INC. 16225 ALTON PARKWAY IRVINE, CALIFORNIA 92618

Reel 009703/Frame 0089

Contact: KNOBBE, MARTENS, OLSON & BEAR, LLP JERRY T. SEWELL 620 NEWPORT CENTER DRIVE, SIXTEENTH FLR NEWPORT BEACH, CA 92660

- 19990817 REISSUE REQUESTED
Issue Date of O.G.: 19991026
Reissue Request Number: 09/375867
Examination Group responsible for Reissue process: 2786

UP - 1999-00
UACT- 1999-10-26

3/6 PAST (1/4) - (C) PAST
AN - 200144-001779
PN - 5103498 A [US5103498]
DT - A (UTILITY)
OG - 2001-10-30
CO - RE
ACT - REISSUE PATENT
SH - REISSUE PATENT
RL - USRE37431

4/6 PAST (2/4) - (C) PAST
AN - 199943-001324
PN - 5103498 A [US5103498]
DT - A (UTILITY)
OG - 1999-10-26
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

5/6 PAST (3/4) - (C) PAST
AN - 199745-001418
PN - 5103498 A [US5103498]
DT - A (UTILITY)
OG - 1997-11-11
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

6/6 PAST (4/4) - (C) PAST
AN - 199502-000919
PN - 5103498 A [US5103498]
DT - A (UTILITY)
OG - 1995-01-10
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

1/9/1
DIALOG(R) File 345:Inpadoc/Fam. & Legal Stat
(c) 2001 EPO. All rts. reserv.

10362182
Basic Patent (No,Kind,Date): WO 9202880 A1 19920220 <No. of Patents: 011>

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9184019 A1 19920302
INTELLIGENT HELP SYSTEM (English)
Patent Assignee: TANDY CORP
Author (Inventor): LANIER CHARLES D; WOLF RICHARD J; VILLEGRAS LETICIA
Priority (No,Kind,Date): WO 91US5062 A 19910717; US 562046 A
19900802
Applc (No,Kind,Date): AU 9184019 A 19910717
IPC: * G06F-015/00
Language of Document: English

GERMANY (DE)

Patent (No,Kind,Date): DE 69130766 CO 19990225
INTELLIGENTES HILFSSYSTEM (German)
Patent Assignee: AST RESEARCH INC (US)
Author (Inventor): LANIER CHARLES (US); WOLF RICHARD (US); VILLEGRAS
LETICIA (US)
Priority (No,Kind,Date): US 562046 A 19900802; WO 91US5062 W
19910717
Applc (No,Kind,Date): DE 69130766 A 19910717
IPC: * G06F-015/00; G06F-009/44
Derwent WPI Acc No: * G 92-080264
Language of Document: German
Patent (No,Kind,Date): DE 69130766 T2 19990902
INTELLIGENTES HILFSSYSTEM (German)
Patent Assignee: AST RESEARCH (US)
Author (Inventor): LANIER CHARLES (US); WOLF RICHARD (US); VILLEGRAS
LETICIA (US)
Priority (No,Kind,Date): US 562046 A 19900802; WO 91US5062 W
19910717
Applc (No,Kind,Date): DE 69130766 A 19910717
IPC: * G06F-015/00; G06F-009/44
Derwent WPI Acc No: * G 92-080264
Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):
DE 69130766 P 19990225 DE REF CORRESPONDS TO (ENTSPRICHT)
EP 541712 P 19990225
DE 69130766 P 19990902 DE 8373 TRANSLATION OF PATENT
DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND
HAS BEEN PUBLISHED (UEBERSETZUNG DER
PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST
EINGEGANGEN UND VEROEFFENTLICH WORDEN)
DE 69130766 P 20000210 DE 8364 NO OPPOSITION DURING TERM OF
OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE
DASS EINSPRUCH ERHOBEN WURDE)

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 541712 A1 19930519
INTELLIGENT HELP SYSTEM (English; French; German)
Patent Assignee: TANDY CORP (US)
Author (Inventor): LANIER CHARLES D (US); WOLF RICHARD J (US);
VILLEGRAS LETICIA (US)

Priority (No,Kind,Date): WO 91US5062 W 19910717 US 562046 A
 19900802
 Applic (No,Kind,Date): EP 91915742 A 19910717
 Designated States: (National) DE; FR; GB; IT; NL
 IPC: * G06F-015/00
 Derwent WPI Acc No: * G 92-080264
 Language of Document: English
 Patent (No,Kind,Date): EP 541712 A4 19940615
 INTELLIGENT HELP SYSTEM (English; French; German)
 Patent Assignee: TANDY CORP (US)
 Author (Inventor): LANIER CHARLES D (US); WOLF RICHARD J (US);
 VILLEGRAS LETICIA (US)
 Priority (No,Kind,Date): WO 91US5062 W 19910717; US 562046 A
 19900802
 Applic (No,Kind,Date): EP 91915742 A 19910717
 Designated States: (National) DE; FR; GB; IT; NL
 IPC: * G06F-015/00
 Derwent WPI Acc No: * G 92-080264
 Language of Document: English
 Patent (No,Kind,Date): EP 541712 B1 19990113
 INTELLIGENT HELP SYSTEM (English; French; German)
 Patent Assignee: AST RESEARCH INC (US)
 Author (Inventor): LANIER CHARLES D (US); WOLF RICHARD J (US);
 VILLEGRAS LETICIA (US)
 Priority (No,Kind,Date): WO 91US5062 W 19910717; US 562046 A
 19900802
 Applic (No,Kind,Date): EP 91915742 A 19910717
 Designated States: (National) DE; FR; GB; IT; NL
 IPC: * G06F-015/00; G06F-009/44
 Derwent WPI Acc No: * G 92-080264
 Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):
 EP 541712 P 19900802 EP AA PRIORITY (PATENT
 APPLICATION) (PRIORITY (PATENTANMELDUNG))
 US 562046 A 19900802
 EP 541712 P 19910717 EP AA PCT-APPLICATION
 (PCT-ANMELDUNG)
 WO 91US5062 W 19910717
 EP 541712 P 19910717 EP AE EP-APPLICATION
 (EUROPAEISCHE ANMELDUNG)
 EP 91915742 A 19910717
 EP 541712 P 19930519 EP AK DESIGNATED CONTRACTING
 STATES IN AN APPLICATION WITH SEARCH REPORT
 (IN EINER ANMELDUNG BENANNTEN VERTRAGSSTAATEN)
 DE FR GB IT NL
 EP 541712 P 19930519 EP A1 PUBLICATION OF APPLICATION
 WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
 ANMELDUNG MIT RECHERCHENBERICHT)
 EP 541712 P 19930519 EP 17P REQUEST FOR EXAMINATION
 FILED (PRUEFUNGSANTRAG GESTELLT)
 930216
 EP 541712 P 19940615 EP AK DESIGNATED CONTRACTING
 STATES MENTIONED IN A SUPPLEMENTARY SEARCH
 REPORT: (IN EINEM ERGAENZENDEN
 RECHERCHENBERICHT BENANNTEN VERTRAGSSTAATEN)
 DE FR GB IT NL
 EP 541712 P 19940615 EP A4 SUPPLEMENTARY SEARCH REPORT
 (ERGAENZENDER RECHERCHENBERICHT)
 EP 541712 P 19950118 EP RAP1 APPLICANT (CORRECTION)
 (ANMELDER (KORR.))

AST RESEARCH, INC.

EP 541712 P 19961204 EP 17Q FIRST EXAMINATION REPORT
(ERSTER PRUEFUNGSBESCHEID)
961021

EP 541712 P 19990113 EP AK DESIGNATED CONTRACTING
STATES MENTIONED IN A PATENT SPECIFICATION:
(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
VERTRAGSSTAATEN)
DE FR GB IT NL

EP 541712 P 19990113 EP B1 PATENT SPECIFICATION
(PATENTSCHRIFT)

EP 541712 P 19990225 EP REF CORRESPONDS TO:
(ENTSPRICHT)
DE 69130766 P 19990225

EP 541712 P 19990326 EP ET FR: TRANSLATION FILED (FR:
TRADUCTION A ETE REMISE)

EP 541712 P 19990330 EP ITF IT: TRANSLATION FOR A EP
PATENT FILED (IT: DEPOSITO TRADUZIONE DI
BREVETTO EUROPEO)
ING. ZINI MARANESI & C. S.R.L.

EP 541712 P 20000105 EP 26N NO OPPOSITION FILED (KEIN
EINSPRUCH EINGELEGT)

HONG KONG (HK)

Patent (No,Kind,Date): HK 1012102 A1 20000505
INTELLIGENT HELP SYSTEM (English)
Patent Assignee: AST RES INC (US)
Author (Inventor): LANIER CHARLES D; WOLF RICHARD J; VILLEGRAS LETICIA
Priority (No,Kind,Date): US 562046 A 19900802; WO 91US5062 W
19910717
Applic (No,Kind,Date): HK 98113277 A 19981214
IPC: * G06F
Derwent WPI Acc No: * G 92-080264
Language of Document: English

SINGAPORE (SG)

Patent (No,Kind,Date): SG 4800223 A1 19980417
INTELLIGENT HELP SYSTEM (English)
Patent Assignee: AST RESEARCH INC
Author (Inventor): LANIER CHARLES D; VILLEGRAS LETICIA; WOLF RICHARD J
Priority (No,Kind,Date): US 562046 A 19900802
Applic (No,Kind,Date): SG 9608071 A 19910717
IPC: * G06F-015/00
Derwent WPI Acc No: * G 92-080264
Language of Document: English

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5103498 A 19920407
INTELLIGENT HELP SYSTEM (English)
Patent Assignee: TANDY CORP (US)
Author (Inventor): LANIER CHARLES D (US); WOLF RICHARD J (US);
VILLEGRAS LETICIA (US)
Priority (No,Kind,Date): US 562046 A 19900802
Applic (No,Kind,Date): US 562046 A 19900802
National Class: * 395068000; 395911000; 395927000; 364419000
IPC: * G06F-015/00
Language of Document: English
Patent (No,Kind,Date): US 37431 E1 20011030
INTELLIGENT HELP SYSTEM (English)
Patent Assignee: AST RES INC (US)
Author (Inventor): LANIER CHARLES D (US); WOLF RICHARD J (US);
VILLEGRAS LETICIA (US)
Priority (No,Kind,Date): US 724947 A 19961002; US 562046 A5
19900802; US 223620 B1 19940406
Applic (No,Kind,Date): US 724947 A 19961002

National Class: * 706058000; 706011000; 345337000
IPC: * G06F-015/00
Derwent WPI Acc No: * G 92-080264
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 37431	E	19900802	US AA	PRIORITY
		US 562046	A5	19900802
US 37431	E	19940406	US AA	PRIORITY
		US 223620	B1	19940406
US 37431	E	19961002	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 724947	A	19961002
US 37431	E	20011030	US E1	REISSUE (PRE-GRANT)
US 5103498	P	19900802	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 562046	A	19900802
US 5103498	P	19900910	US AS02	ASSIGNMENT OF ASSIGNOR'S
		INTEREST		
		TANDY CORPORATION, 1800 ONE TANDY CENTER,		
		P.O. BOX 17180, FT. WORTH, TX 76102 A ;		
		LANIER, CHARLES D. : 19900815; WOLF, RICHARD		
		J. : 19900816; VILLEGRAS, LETICIA : 19900810		
US 5103498	P	19920407	US A	PATENT
US 5103498	P	19940118	US AS02	ASSIGNMENT OF ASSIGNOR'S
		INTEREST		
		AST RESEARCH, INC. 16215 ALTON PARKWAY		
		IRVINE, CA 92718 ; TANDY CORPORATION AND ITS		
		RADIO SHACK DIVISION : 19940103		
US 5103498	P	19950110	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		940406		
US 5103498	P	19950906	US AS02	ASSIGNMENT OF ASSIGNOR'S
		INTEREST		
		AST INNOVATIONS, INC. 16215 ALTON PARKWAY		
		IRVINE, CALIFORNIA 92718 ; AST RESEARCH, INC.		
		: 19950905		
US 5103498	P	19971111	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		961002		
US 5103498	P	19991026	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		19990817		

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9202880 A1 19920220
INTELLIGENT HELP SYSTEM (English)
Patent Assignee: TANDY CORP (US)
Author (Inventor): LANIER CHARLES D (US); WOLF RICHARD J (US);
VILLEGRAS LETICIA (US)
Priority (No,Kind,Date): US 562046 A 19900802
Applic (No,Kind,Date): WO 91US5062 A 19910717
Designated States: (National) AT; AU; BB; BG; BR; CA; CH; DE; DK; ES;
FI; GB; HU; JP; KP; KR; LK; LU; MC; MG; MW; NL; NO; PL; RO; SD; SE;
SU (Regional) AT; BE; BF; BJ; CF; CG; CH; CI; CM; DE; DK; ES; FR;
GA; GB; GN; GR; IT; LU; ML; MR; NL; SE; SN; TD; TG
Filing Details: WO 100000 With international search report
IPC: * G06F-015/00
Derwent WPI Acc No: ; G 92-080264
Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):
WO 9202880 P 19900802 WO AA PRIORITY (PATENT)

WO 9202880 P 19910717 US 562046 A 19900802
DATA) APPLICATION DATA (APPL.
WO 9202880 P 19920220 WO AE
WO 91US5062 A 19910717
DESIGNATED STATES CITED IN A
PUBLISHED APPLICATION WITH SEARCH REPORT
(DESIGNATED STATES CITED IN A PUBLISHED APPL.
WITH SEARCH REPORT)
AT AU BB BG BR CA CH DE DK ES FI GB HU JP KP
KR LK LU MC MG MW NL NO PL RO SD SE SU
WO 9202880 P 19920220 WO AL
DESIGNATED COUNTRIES FOR
REGIONAL PATENTS CITED IN A PUBLISHED
APPLICATION WITH SEARCH REPORT (DESIGNATED
COUNTRIES FOR REGIONAL PATENTS CITED IN A
PUBLISHED APPL. WITH SEARCH REPORT)
AT BE BF BJ CF CG CH CI CM DE DK ES FR GA GB
GN GR IT LU ML MR NL SE SN TD TG
WO 9202880 P 19920220 WO A1
PUBLICATION OF THE
INTERNATIONAL APPLICATION WITH THE
INTERNATIONAL SEARCH REPORT (PUB. OF THE
INTERNATIONAL APPL. WITH THE INTERNATIONAL
SEARCH REPORT)
WO 9202880 P 19930609 DE 8642/REG WITHDRAWAL (ZURUECKNAHME)
WO 9202880 P 19940402 WO NENP NON-ENTRY INTO THE NATIONAL
PHASE IN:
CA

5,103,498

<=2> GET 1st DRAWING SHEET OF 14

Apr. 7, 1992

Intelligent help system

REISSUE: This Patent was reissued on Oct. 30, 2001 as Reissue Patent Re 37,431.

Reissue Application filed Aug. 17, 1999 (O.G. Oct. 26, 1999) Ex. Gp.: 2786;
Re. S.N. 09/375,867

Reissue Application filed Oct. 2, 1996 (O.G. Nov. 11, 1997) Ex. Gp.: 2309;
Re. S.N. 08/724,947

Reissue Application filed Apr. 6, 1994 (O.G. Jan. 10, 1995) Ex. Gp.: 2308;
Re. S.N. 08/223,620

CORE TERMS: user, engine, monitoring, display, menubar, variable, struct,
stored, coupled, computer...

LEXIS-NEXIS
Library: PATENT
File: ALL

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEXIS-NEXIS
Library: PATENT
File: CASES

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEXIS-NEXIS
Library: PATENT
File: JNLS

}

LEVEL - 1 OF 1 STORY

Copyright 2000 Albuquerque Journal
Albuquerque Journal

January 19, 2000, Wednesday

SECTION: Business; Pg. B4

LENGTH: 410 words

HEADLINE: PRC Gives Utilities 3 Months More

BYLINE: Tom McGhee Journal Staff Writer

LEXIS-NEXIS
Library: NEWS
File: CURNWS